BRUHAT BANGALORE MAHANAGARA
PALIKE

QUALITY TEST REPORT

PMC for the Package-I civil works in Dasarahalli Division

Name of work: Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.I in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

Project Cost:1500.00 Lakh

3rd and Part Bill

(Tejus Consultants)

TEJUS

PMC for the Package-1 civil works in Dasarahalli	
Client :	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant :	Tejus Consultants
Contractor :	Sri Sai Charan Constructions
Name of Work:	Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

GRADATION OF AGGREGATES

(WMM)

Total weight of sample taken (gms): 16000 — Date of Test : 15-11-2021

Sieve Size (mm)	Wt. Retained (gms)	Cumulative Wt. Retained (gms)	Cumulative Wt. Retained (%)	% Passing	Specification Limits
53 mm	0	0	0	100	100
45 mm	425	425	2.77	97.24	95 – 100
22.4 mm	4327	4752	29.08	71.11	60 – 80
11.2 mm	2998	7750	50	50.34	40 – 60
4.75 mm	2860	10610	67.3	33.16	25 – 40
2.36 mm	1856	12466	78.43	22.1	15 – 30
600 mic	963	13429	84.3	16.27	8 – 22
75 mic	1922	15351	96.09	4.56	0 – 8
Pan	649	16000	100	-	-

Remarks : Results Found to be satisfactory.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜಿ.ಕೆ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

Tested by

Q.C. Engineer
Tejus Consultants

TEJUS

	PMC for the Package-1 civil works in Dasarahalli
Client :	**BRUHAT BANGALORE MAHANAGARA PALIKE**
Consultant :	**Tejus Consultants**
Contractor :	**Sri Sai Charan Constructions**
Name of Work:	**Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129**

GRADATION OF AGGREGATES

(WMM)

Total weight of sample taken (gms): 16000 — Date of Test: 17-11-2021

Sieve Size (mm)	Wt. Retained (gms)	Cumulative Wt. Retained (gms)	Cumulative Wt. Retained (%)	% Passing	Specification Limits
53 mm	0	0	0	100	100
45 mm	431	431	2.77	97.24	95 – 100
22.4 mm	4298	4729	29.08	71.11	60 – 80
11.2 mm	2941	7670	50	50.34	40 – 60
4.75 mm	2943	10613	67.3	33.16	25 – 40
2.36 mm	1812	12425	78.43	22.1	15 – 30
600 mic	970	13395	84.3	16.27	8 – 22
75 mic	1950	15345	96.09	4.56	0 – 8
Pan	655	16000	100	-	-

Remarks : Results Found to be satisfactory.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ಹೊಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

Tested by

TEJUS CONSULTANTS

Q.C. Engineer
Tejus Consultants

TEJUS

	PMC for the Package-1 civil works in Dasarahalli
Client :	**BRUHAT BANGALORE MAHANAGARA PALIKE**
Consultant :	**Tejus Consultants**
Contractor :	**Sri Sai Charan Constructions**
Name of Work:	**Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129**

GRADATION OF AGGREGATES
(WMM)

Total weight of sample taken (gms): 16000 — Date of Test: 18-11-2021

Sieve Size (mm)	Wt. Retained (gms)	Cumulative Wt. Retained (gms)	Cumulative Wt. Retained (%)	% Passing	Specification Limits
53 mm	0	0	0	100	100
45 mm	428	428	2.77	97.24	95 – 100
22.4 mm	4217	4645	29.08	71.11	60 – 80
11.2 mm	2810	7455	50	50.34	40 – 60
4.75 mm	2988	10443	67.3	33.16	25 – 40
2.36 mm	1910	12353	78.43	22.1	15 – 30
600 mic	992	13345	84.3	16.27	8 – 22
75 mic	1981	15326	96.09	4.56	0 – 8
Pan	674	16000	100	-	-

Remarks : Results Found to be satisfactory.

Tested by

TEJUS CONSULTANTS

Q.C. Engineer
Tejus Consultants

TEJUS

	PMC for the Package-1 civil works in Dasarahalli
Client :	**BRUHAT BANGALORE MAHANAGARA PALIKE**
Consultant :	**Tejus Consultants**
Contractor :	**Sri Sai Charan Constructions**
Name of Work:	**Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129**

RATE OF SPREADING

(PRIME COAT)

Date of Test: 22-11-2021

Sl No	DESCRIPTION	1	2	3	4	5
1	WT. OF EMPTY TRAY (gm)	810	810	810	810	810
2	WT. OF TRAY + BITUMEN (gm)	860	866	863	866	866
3	WT. OF BITUMEN (2-1) (gm)	53	57	53	56	54
4	AREA OF TRAY	0.09	0.09	0.09	0.09	0.09
5	RATE OF SPRAY (kg/m^2)	5.89	6.33	5.89	6.22	6.00
6	AVERAGE RATE OF SPRAY (kg/m^2)	6.07				

Remarks : Results Found to be satisfactory.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ. ಹಾಪರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

Tested by

Q.C. Engineer
Tejus Consultants

TEJUS

	PMC for the Package-1 civil works in Dasarahalli
Client :	**BRUHAT BANGALORE MAHANAGARA PALIKE**
Consultant :	**Tejus Consultants**
Contractor :	**Sri Sai Charan Constructions**
Name of Work:	**Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129**

RATE OF SPREADING
(PRIME COAT)

Date of Test: 22-11-2021

Sl No	DESCRIPTION	1	2	3	4	5
1	WT. OF EMPTY TRAY (gm)	810	810	810	810	810
2	WT. OF TRAY + BITUMEN (gm)	860	866	863	866	866
3	WT. OF BITUMEN (2-1) (gm)	53	57	53	56	54
4	AREA OF TRAY	0.09	0.09	0.09	0.09	0.09
5	RATE OF SPRAY (kg/m^2)	5.89	6.33	5.88	6.22	6.00
6	AVERAGE RATE OF SPRAY (kg/m^2)	6.06				

Remarks : Results Found to be satisfactory.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಕೆ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

Tested by

TEJUS CONSULTANTS

Q.C. Engineer
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TEJUS

	PMC for the Package-1 civil works in Dasarahalli
Client :	**BRUHAT BANGALORE MAHANAGARA PALIKE**
Consultant :	**Tejus Consultants**
Contractor :	**Sri Sai Charan Constructions**
Name of Work:	**Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129**

RATE OF SPREADING

(PRIME COAT)

Date of Test: 23-11-2021

Sl No	DESCRIPTION	1	2	3	4	5
1	WT. OF EMPTY TRAY (gm)	810	810	810	810	810
2	WT. OF TRAY + BITUMEN (gm)	860	865	861	866	867
3	WT. OF BITUMEN (2-1) (gm)	58	55	51	55	57
4	AREA OF TRAY	0.09	0.09	0.09	0.09	0.09
5	RATE OF SPRAY (kg/m^2)	6.44	6.11	5.67	6.11	6.33
6	AVERAGE RATE OF SPRAY (kg/m^2)	6.13				

Remarks : Results Found to be satisfactory.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕ. ಹಾಪರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಕೆ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

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	PMC for the Package-1 civil works in Dasarahalli
Client :	BRUHAT BANGALORE MAHANAGARA PALIKE
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Contractor :	Sri Sai Charan Constructions
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RATE OF SPREADING

(PRIME COAT)

Date of Test: 23-11-2021

Sl No	DESCRIPTION	1	2	3	4	5
1	WT. OF EMPTY TRAY (gm)	810	810	810	810	810
2	WT. OF TRAY + BITUMEN (gm)	860	865	861	866	867
3	WT. OF BITUMEN (2-1) (gm)	58	56	51	55	57
4	AREA OF TRAY	0.09	0.09	0.09	0.09	0.09
5	RATE OF SPRAY (kg/m^2)	6.44	6.22	5.66	6.11	6.33
6	AVERAGE RATE OF SPRAY (kg/m^2)	6.15				

Remarks : Results Found to be satisfactory.

Tested by

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Contractor :	Sri Sai Charan Constructions
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RATE OF SPREADING

(PRIME COAT)

Date of Test: 24-11-2021

Sl No	DESCRIPTION	1	2	3	4	5
1	WT. OF EMPTY TRAY (gm)	810	810	810	810	810
2	WT. OF TRAY + BITUMEN (gm)	861	868	864	862	863
3	WT. OF BITUMEN (2-1) (gm)	51	58	54	55	59
4	AREA OF TRAY	0.09	0.09	0.09	0.09	0.09
5	RATE OF SPRAY (kg/m^2)	5.67	6.44	6.00	6.11	6.56
6	AVERAGE RATE OF SPRAY (kg/m^2)	6.16				

Remarks : Results Found to be satisfactory.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು 560073.

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PMC for the Package-1 civil works in Dasarahalli

Client :	**BRUHAT BANGALORE MAHANAGARA PALIKE**
Consultant :	**Tejus Consultants**
Contractor :	**Sri Sai Charan Constructions**
Name of Work:	**Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129**

RATE OF SPREADING
(PRIME COAT)

Date of Test: 24-11-2021

Sl No	DESCRIPTION	1	2	3	4	5
1	WT. OF EMPTY TRAY (gm)	810	810	810	810	810
2	WT. OF TRAY + BITUMEN (gm)	861	868	864	862	863
3	WT. OF BITUMEN (2-1) (gm)	51	60	54	55	59
4	AREA OF TRAY	0.09	0.09	0.09	0.09	0.09
5	RATE OF SPRAY (kg/m^2)	5.67	6.67	5.98	6.11	6.56
6	AVERAGE RATE OF SPRAY (kg/m^2)	6.20				

Remarks : Results Found to be satisfactory.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಬಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

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